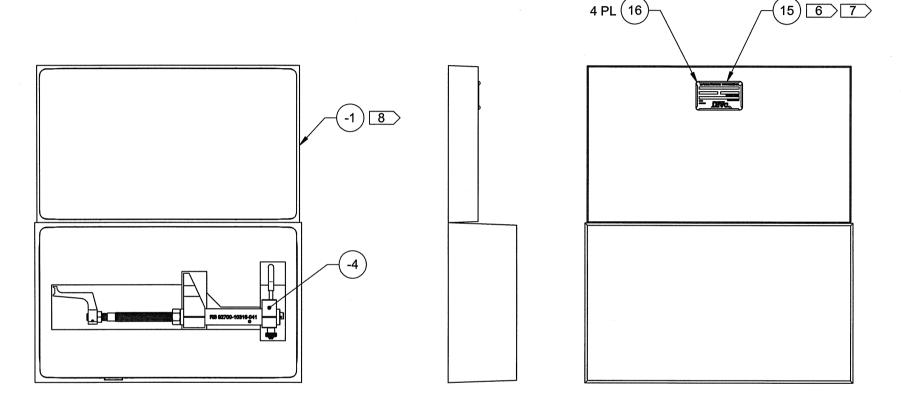
ITEM#	QTY	PART#	PART TITLE
-1	1	RB 92700-10316-041-1	PACKAGING ASSY
-4	1	RB 92700-10316-041-4	HOLDING CLAMP ASSY
15	1	RB41011	DART PLACARD
16	4	McMaster#97524A032 OR EQUIV.	ALUMINUM SEALING BLIND RIVETS 1/8" DIA. X 0.425" LG.



RB 92700-10316-041 HOLDING CLAMP

NOTES: 1) MATERIAL: N/A 2) HEAT TREAT: N/A

3) FINISH: N/A

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CHECKED MFG. APPR. APPROVED DATE 4/8/2019

TOOL PART # RB 92700-10316-041

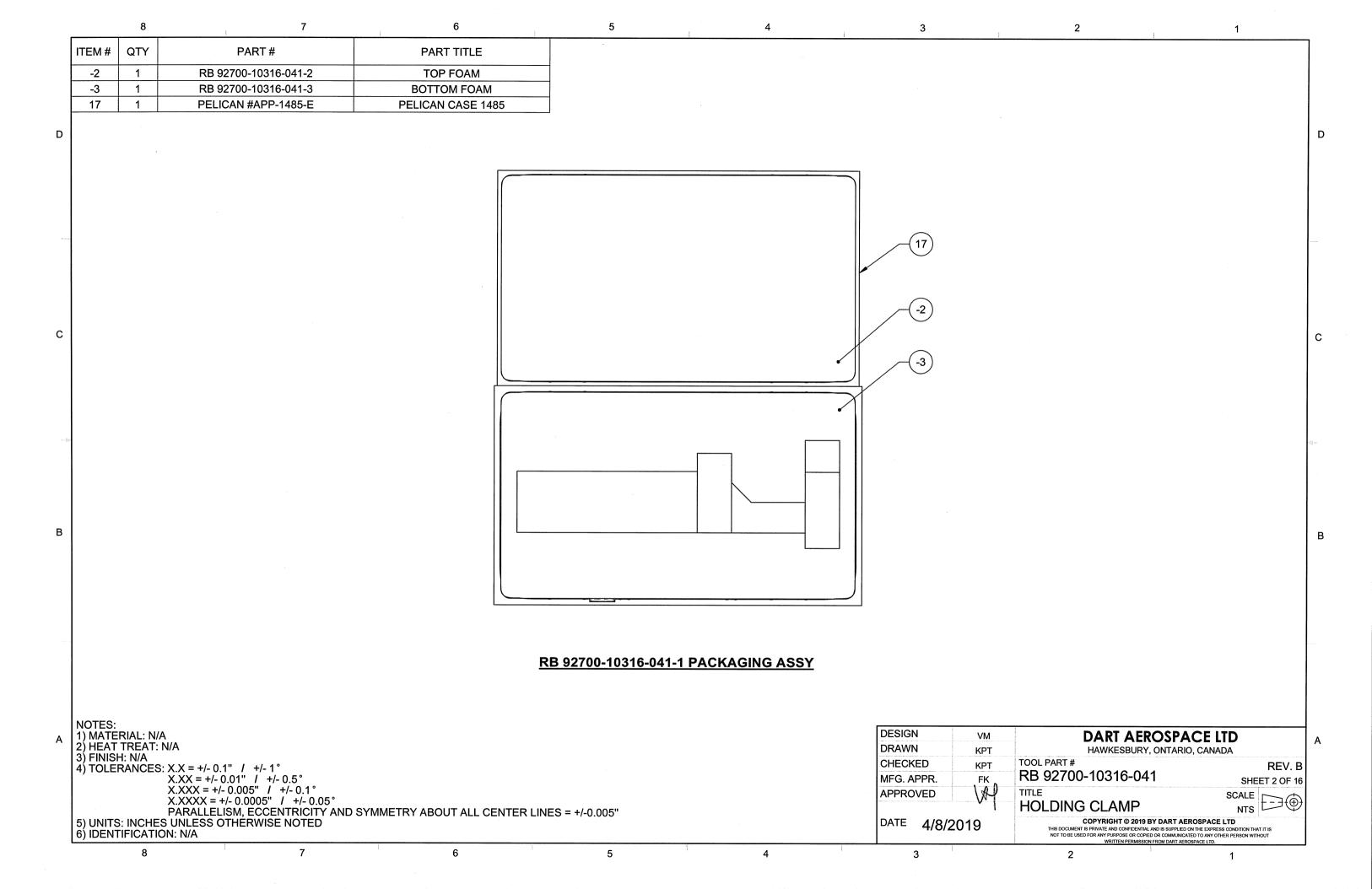
REV. B SHEET 1 OF 16 SCALE NTS **HOLDING CLAMP**

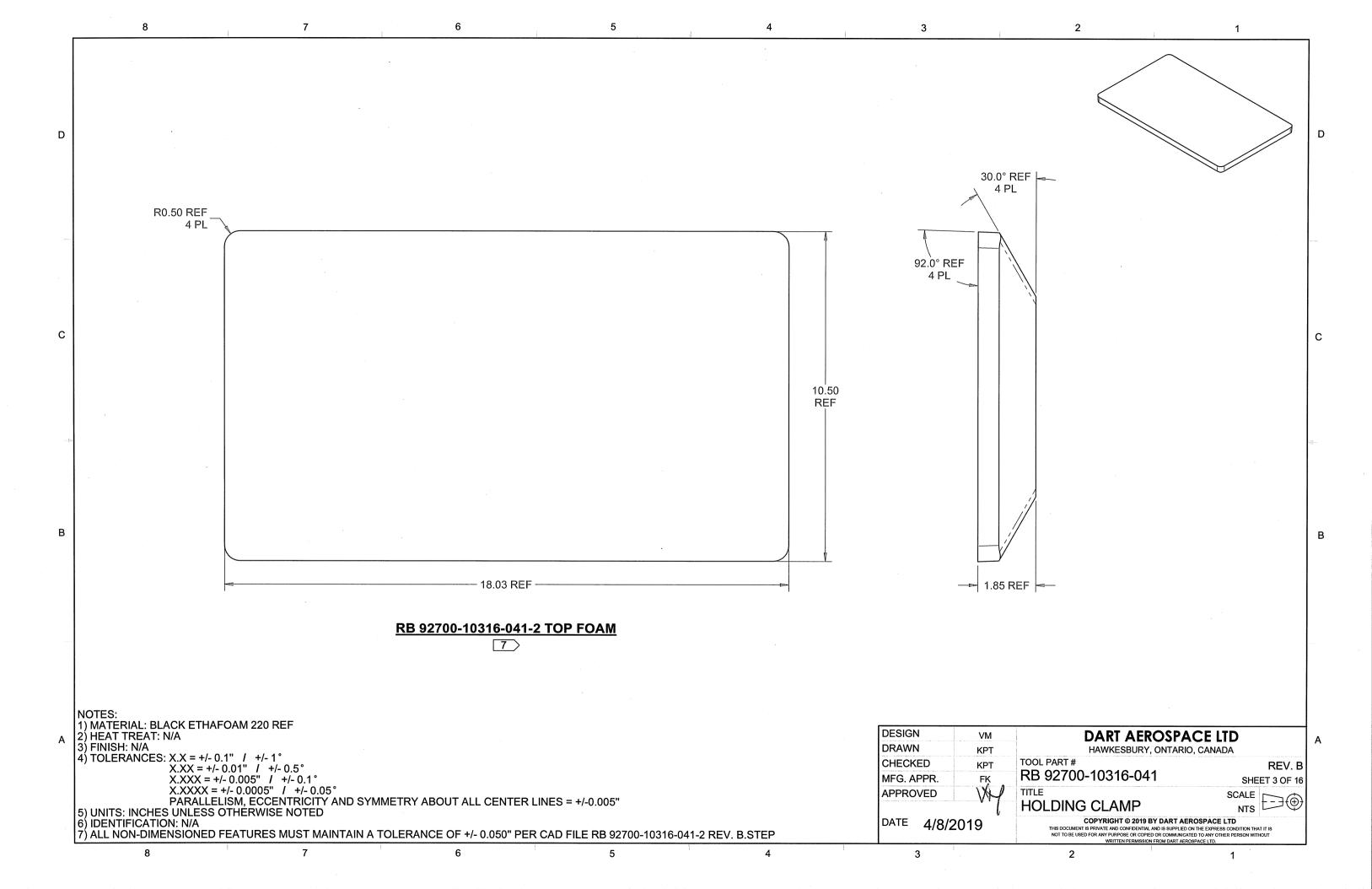
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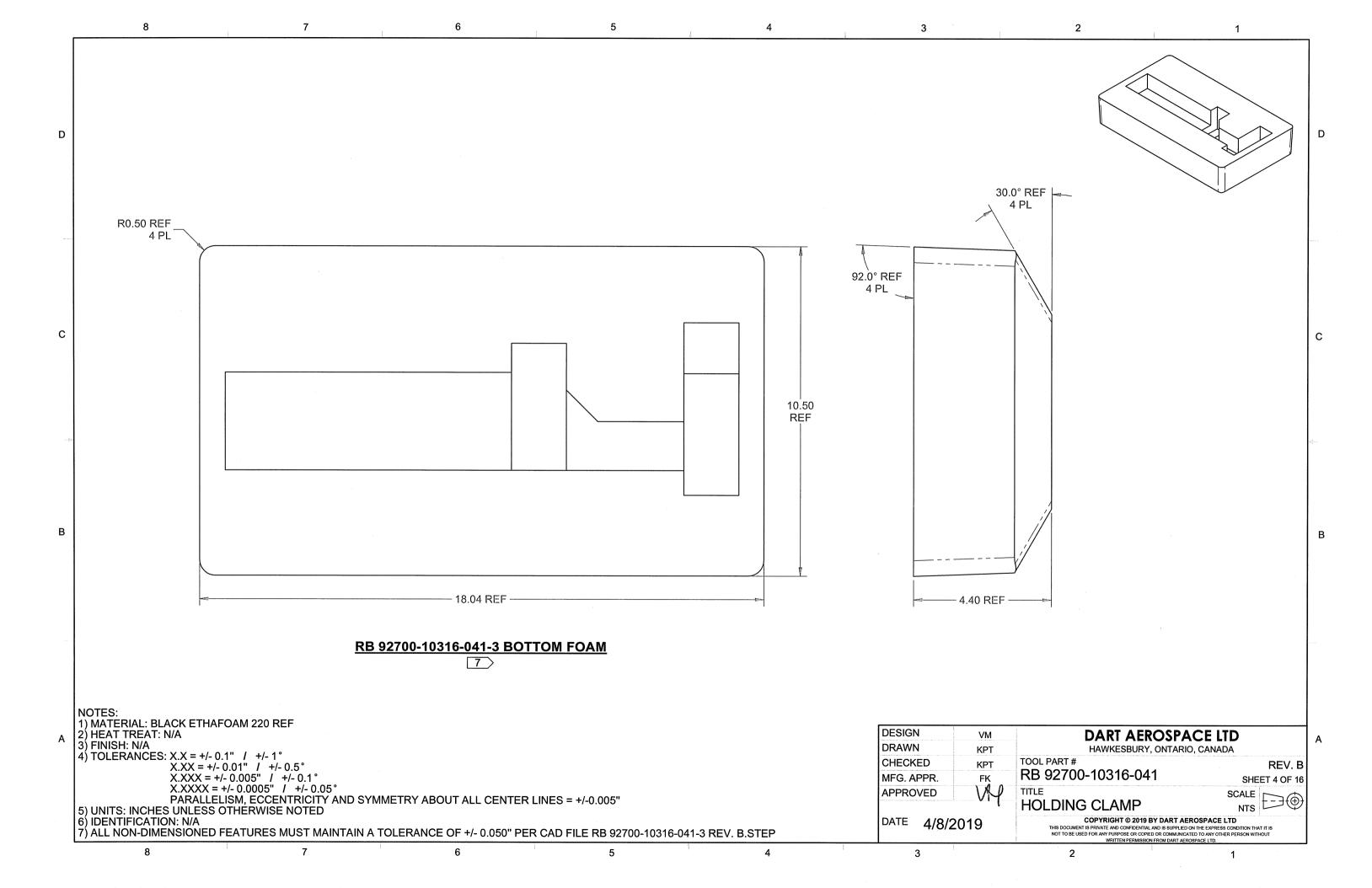
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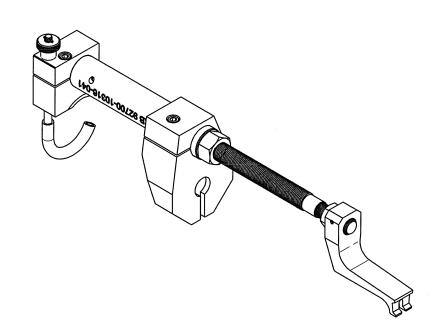
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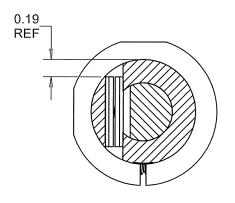




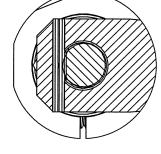
	8	7	6 5 4
ITEM#	QTY	PART#	PART TITLE
-5	1	RB 92700-10316-041-5	PIN ASSY
-7	1	RB 92700-10316-041-7	HOLDING CLAMP 1
-9	1	RB 92700-10316-041-9	HOLDING CLAMP CYLINDER
-10	1	RB 92700-10316-041-10	HOLDING CLAMP END
-11	1	RB 92700-10316-041-11	RETAINER ROD
-12	1	RB 92700-10316-041-12	TUBING
-13	1	RB 92700-10316-041-13	RUBBER PAD
-14	1	RB 92700-10316-041-14	HOLDING CLAMP 2 ASSEMBLY
18	1	McMaster#6121K211 OR EQUIV.	BLACK OXIDE STEEL ROUND KNOB 1/4"-20 THRU X 3/4" HEAD DIA. X 5/8" OAL.
19	1	McMaster#90692A082 OR EQUIV.	ZINC PLATED STEEL SLOTTED SPRING PIN 1/16" DIA. X 3/8" LG.
20	1	McMaster#90692A700 OR EQUIV.	ZINC PLATED STEEL SLOTTED SPRING PIN 1/8" DIA. X 1" LG.
21	1	McMaster#90692A723 OR EQUIV.	ZINC PLATED STEEL SLOTTED SPRING PIN 3/16" DIA. X 3/4" LG.
22	2	McMaster#92185A544 OR EQUIV.	316 SS SOCKET HEAD SCREW 1/4"-20 X 1-1/4" LG.
23	1	McMaster#93839A825 OR EQUIV.	YELLOW ZINC PLATED GRADE 8 STEEL THIN HEX NUT 1/2"-20 X 5/16" HT.
24	1	McMaster#94895A835 OR EQUIV.	YELLOW ZINC PLATED GRADE 8 STEEL HEX NUT 5/8"-18 X 35/64" HT.
		A	B C



RB 92700-10316-041-4 HOLDING CLAMP ASSY 15



3



SECTION B-B 9

SECTION C-C 10

1) MATERIAL: N/A 2) HEAT TREAT: N/A 3) FINISH: N/A

4) TOLERANCES: X.X = +/- 0.1" / +/- 1° X.XX = +/-0.01" / +/-0.5° X.XXX = +/-0.005" / +/-0.1°

X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"

5) UNITS: INCHES UNLESS OTHERWISE NOTED

DETAIL D 11>

6) IDENTIFICATION: N/A

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7) ASSEMBLE AS SHOWN

0.06 REF

8) ALIGN ITEM -9 SLOTS WITH ITEMS 22. APPLY RED THREADLOCKER LOCTITE 263/262 ON THREADS OF ITEM 22 THEN ASSEMBLE WITH ITEMS -7 AND -14, AND REMOVE EXCESS

9) APPLY RETAINING COMPOUND LOCTITE 620 OR EQUIVALENT ON MATING SURFACES
THEN PRESS FIT ITEM 21 CENTERED WITH ITEM -9, AND REMOVE EXCESS. ITEM -5 SHOULD SLIDE FREELY
10) ALIGN ITEM -5 SLOT WITH ITEM 20. APPLY RETAINING COMPOUND LOCTITE 620 OR EQUIVALENT ON MATING SURFACES
THEN PRESS FIT ITEM 20 FLUSH WITH ITEM -10, AND REMOVE EXCESS.
11) ASSEMBLE ITEM -11 WITH ITEM 18. APPLY RETAINING COMPOUND LOCTITE 620 OR EQUIVALENT ON MATING SURFACES THEN PRESS FIT ITEM 19 CENTERED WITH ITEM -11, AND REMOVE EXCESS.

12) SLIDE ITEM -12 OVER ITEM -11

13) ASSEMBLE ITEM -13 ADHESIVE SIDE ON ITEM -14 AS SHOWN, AND CUT EXCESS IF NECESSARY
14) APPLY INSTANT ADHESIVE LOCTITE 495 BETWEEN THE SURFACES OF ITEM -13 AND ITEM -14 IF NECESSARY, AND REMOVE EXCESS

15) THE TOOL ASSY MUST BE PACKAGED WITH A DESICCANT BAG INTO A TIGHT FITTING SEALED PLASTIC BAG

DESIGN	VM	DART AE
DRAWN	KPT	HAWKESBUR'
CHECKED	KPT	TOOL PART #
MFG. APPR.	FK	RB 92700-10316-04
APPROVED	1/1	TITLE
internal comment on the comment of t	۷. ا	HOLDING CLAMP
DATE 4/8/2	019	COPYRIGHT © 2019 THIS DOCUMENT IS PRIVATE AND CONFIDENTI

DART AEROSPA HAWKESBURY, ONTARIO	
TOOL PART # RB 92700-10316-041	REV. B SHEET 5 OF 16
TITLE HOLDING CLAMP	SCALE (1)

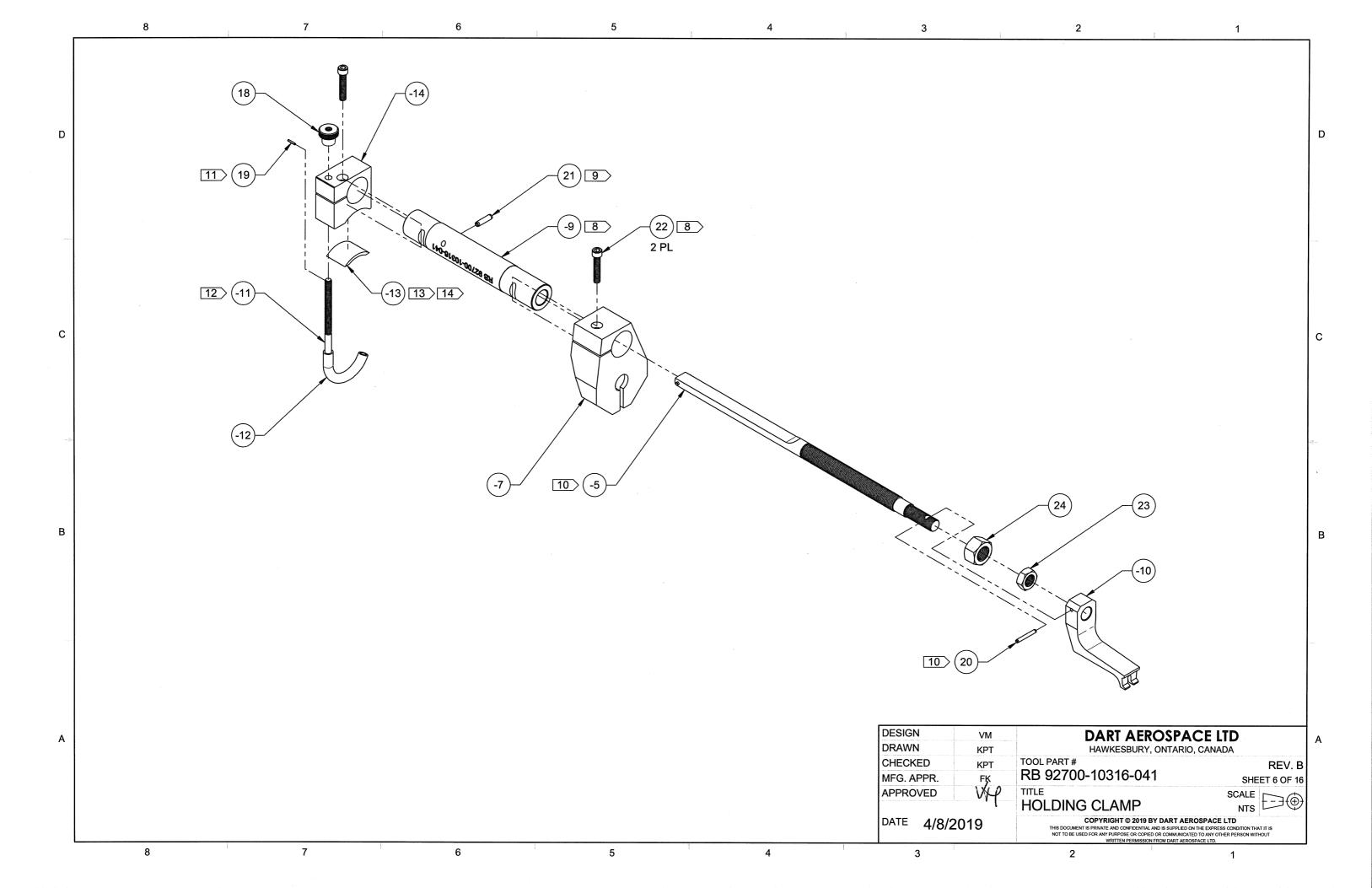
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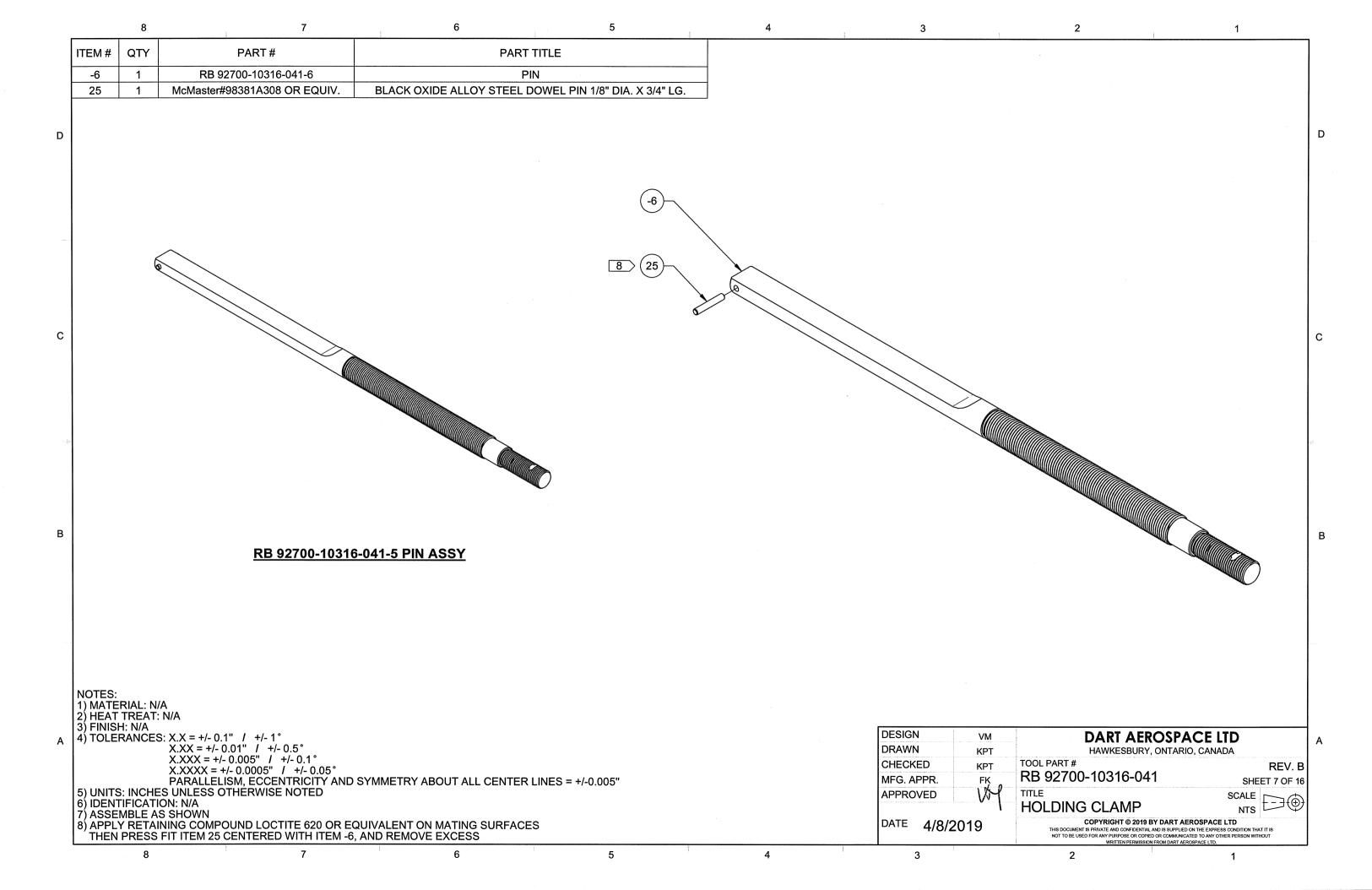
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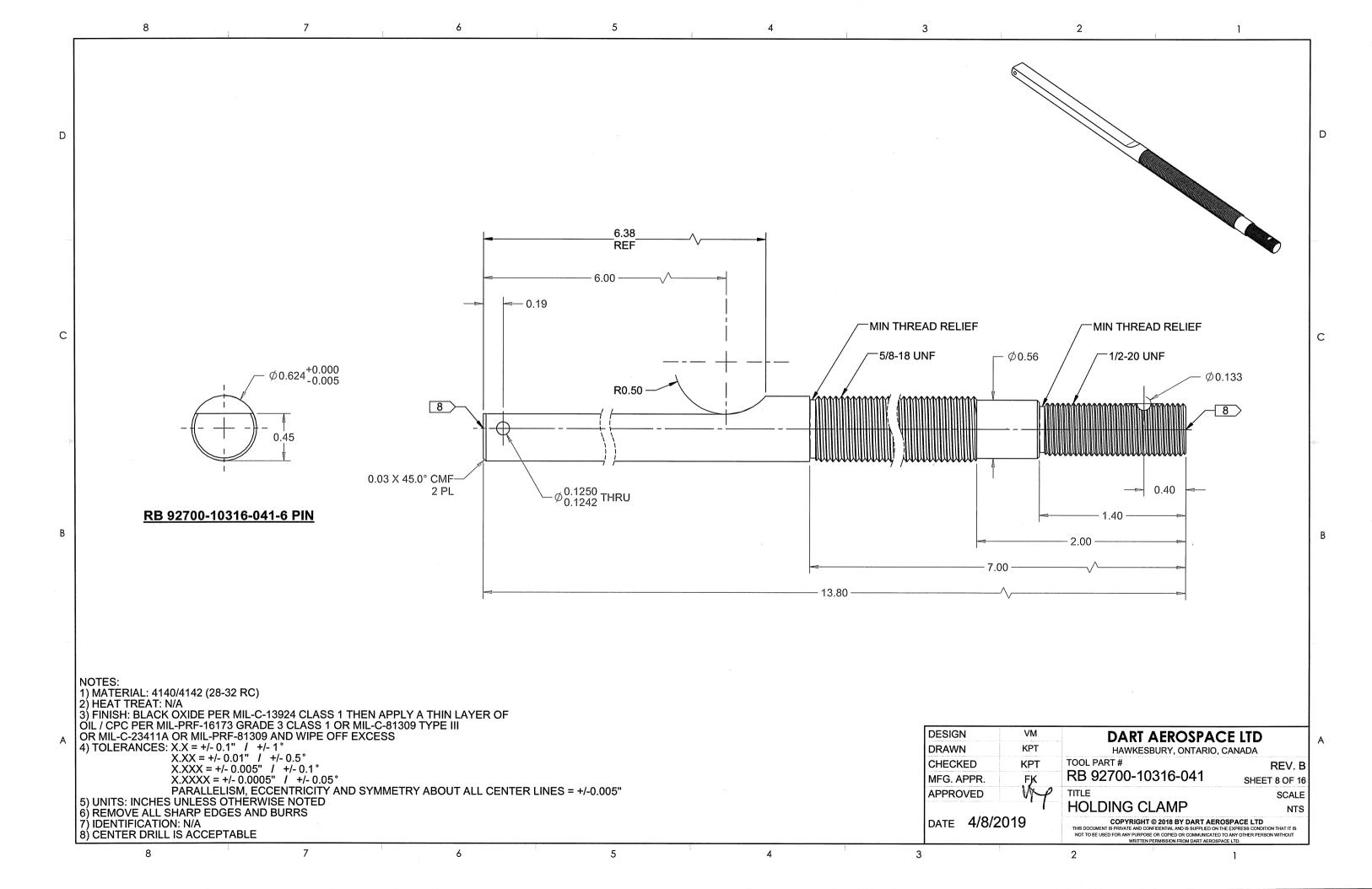
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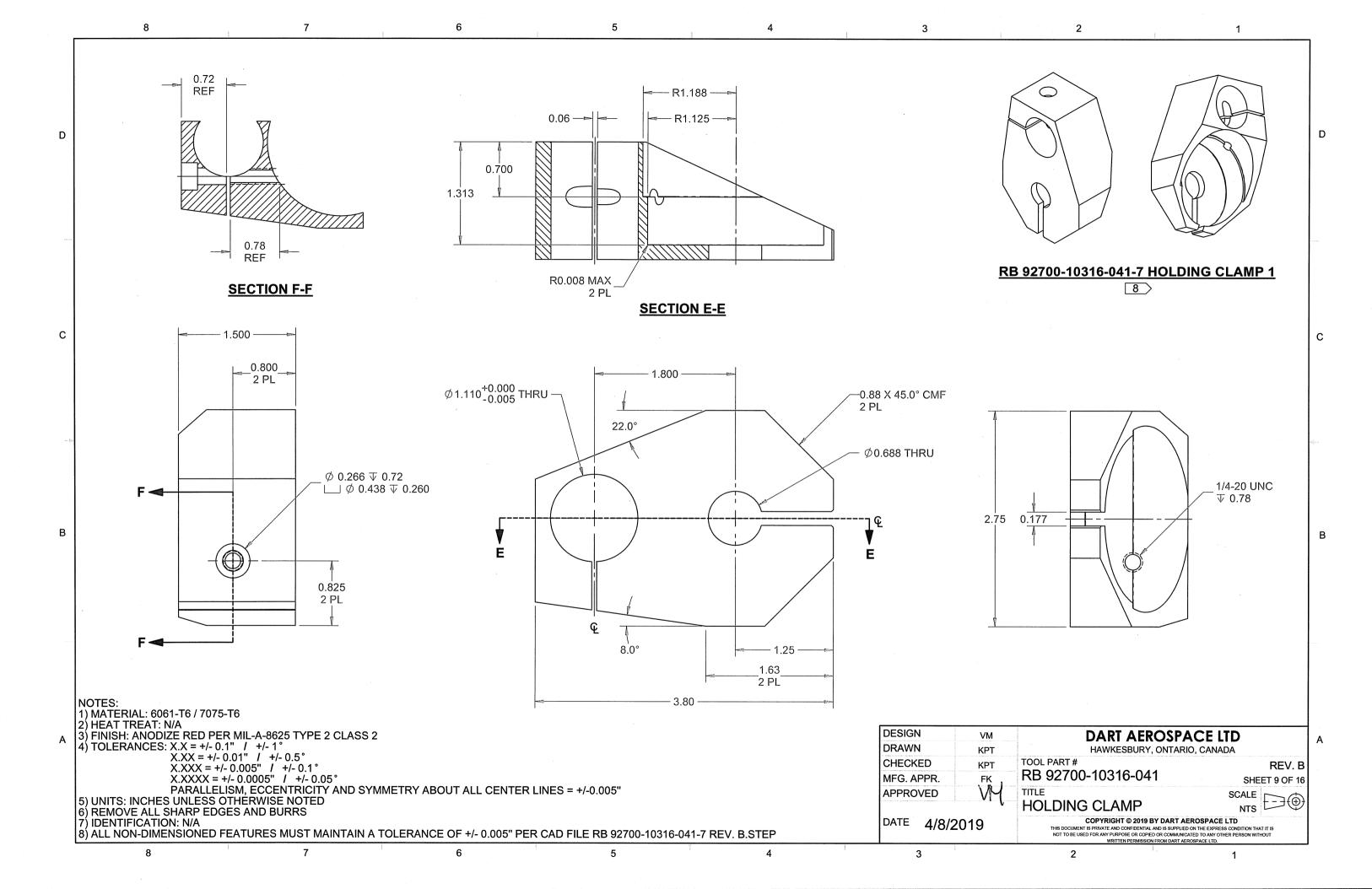
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SECTION A-A









ITEM# QTY PART# PART TITLE RB 92700-10316-041-8 **HOLDING CLAMP 2** -8 1 26 McMaster#91732A212 OR EQUIV. 18-8 SS HELICAL INSERT 1/4"-20 X 3/8" LG. D —**►** G **SECTION G-G RB 92700-10316-041-14 HOLDING CLAMP 2 ASSEMBLY** 1) MATERIAL: N/A 2) HEAT TREAT: N/A 3) FINISH: N/A DESIGN VM DART AEROSPACE LTD DRAWN HAWKESBURY, ONTARIO, CANADA KPT 4) TOLERANCES: X.X = +/- 0.1" / +/- 1° CHECKED TOOL PART # X.XX = +/- 0.01" / +/- 0.5° X.XXX = +/- 0.005" / +/- 0.1° KPT REV. B RB 92700-10316-041 MFG. APPR. SHEET 10 OF 16 X.XXX = +/- 0.005° / +/- 0.1 X.XXXX = +/- 0.0005" / +/- 0.05° PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005" 5) UNITS: INCHES UNLESS OTHERWISE NOTED 6) IDENTIFICATION: N/A 7) ASSEMBLE AS SHOWN TITLE APPROVED SCALE NTS -**HOLDING CLAMP** COPYRIGHT © 2019 BY DART AEROSPACE LTD

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